

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

Floyd, Letcher, and
Knott Counties

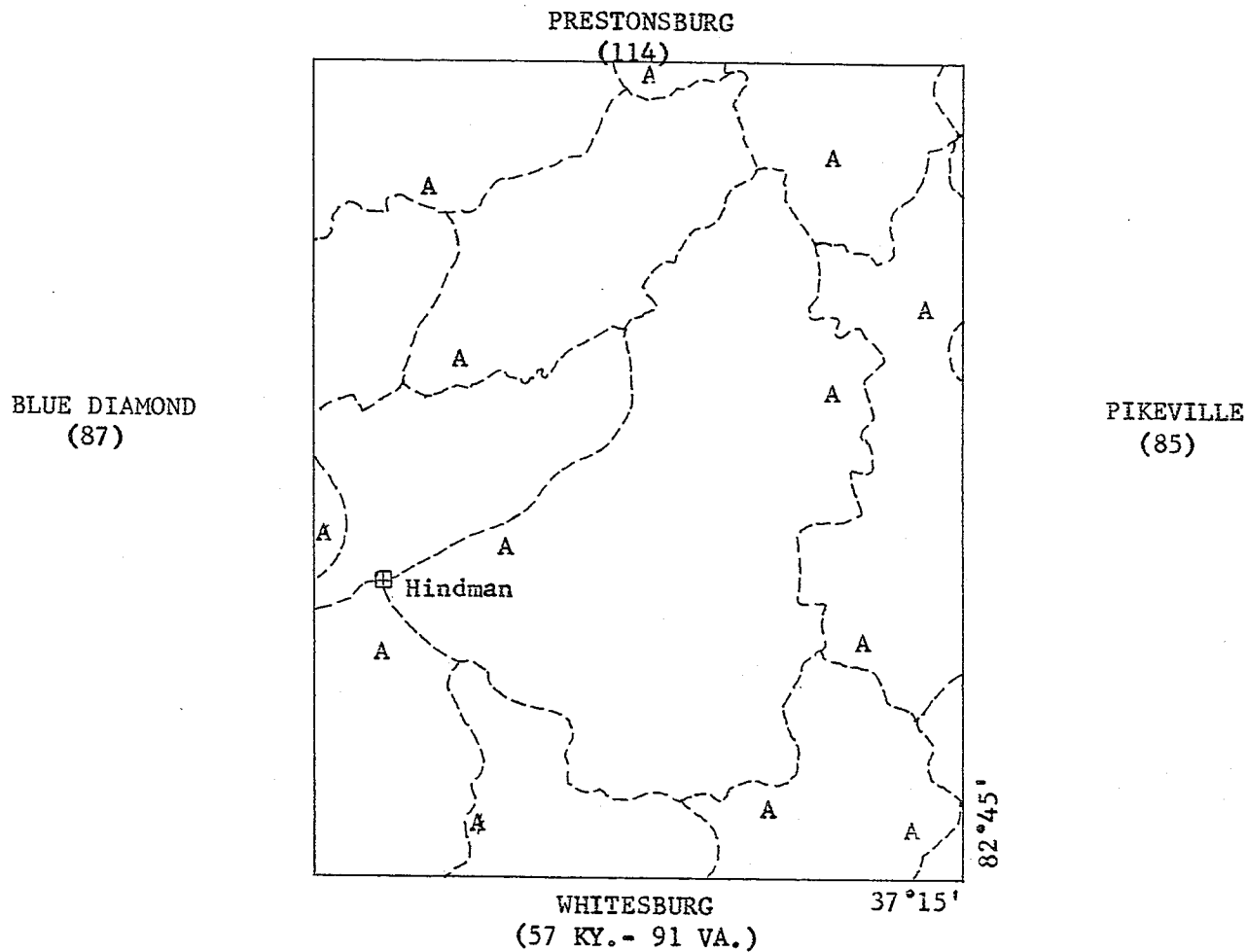
Final adjustment of 1930

Edition of 5/13/74

PR: WSM/mid

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-082-34
HINDMAN QUADRANGLE
86 KENTUCKY
N3715-W8245/15
DIAGRAM NJ 17-7
JENKINS



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370823

86 KENTUCKY
HINDMAN QUADRANGLE

37-082-34
N3715-W8245/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
690	3	999	4
695	3	1015	3
711	3	1032	3
733	4	1034	3
758	4	1044	4
776	3	1091	4
799	4	1093 (1092.450)	3
879	4	1093 (1092.798)	3
873	3	1100	3
885	4	1146	4

ISOLATED BENCH MARKS (By S. R. Archer, 1912; Book B 554)	<u>Feet</u>
Hindman, 2 mi W. of; 0.05 mi S. of mouth of Augdon Branch; on E. side of rd.; in rock cliff; standard tablet stamped "1015" (Reported destroyed, 1936)	1015.609
Hindman, in SE. corner stone of foundation to Knott County courthouse; standard tablet stamped "1032" (Reported destroyed, 1936)	1031.984
Hindman, 3.6 mi SE. of; 0.7 mi S. of mouth of Trace Fork; 0.2 mi N. of Shade Stacey's residence; W. side of rd.; 60 ft S. of house on W. side of stream crossing; in top of large stone; standard tablet stamped "1100" (Reported not found, 1954)	1099.734
Pine Top, 4.3 mi SW. of; 635 ft E. of mouth of Troublesome Creek; N. bank of Carr Fork; S. side of rd.; 20 ft from water's edge; in top of large rock; standard tablet stamped "1034" (Reported not found, 1954)	1034.344
Pine Top, 0.5 mi W. of; 600 ft N. of rd. forks; in bed of creek on W. side; at mouth of Muddy Fork or Branhams Creek; in rock ledge; standard tablet stamped "1093" (Reported not found, 1954)	1092.450
Hollibush, 3.2 mi SW. of; 200 ft N. of rd. forks at rd. leading SW. to head of Right Fork of Troublesome Creek; on E. bank of Caney Creek; in face of rock ledge; standard tablet stamped "1093" (Reported destroyed, 1953)	1092.798
Hollibush, 225 ft E. of mouth of Hollibush Creek; in front of schoolhouse; N. side of creek; in face of rock ledge; standard tablet stamped "873" (Reported destroyed, 1953)	872.295
Raven, 1.5 mi W. of; E. side of Caney Fork; 30 ft S. of rd. crossing; opposite mouth of Gibsons Branch; in face of rock ledge; standard tablet stamped "776" (Reported not found, 1953)	775.344
Dema, W. bank of Beaver Creek; 160 ft S. of mouth of Caney Fork; in face of rock cliff; aluminum tablet stamped "711" (Reported not found, 1954)	711.000
Lackey, 110 ft N. of rd. forks (road leading NW. up Jones Fork); W. side of small creek and private rd. from N.; 60 ft E. and 100 ft N. of company store; N. side of Beaver Creek; in face of rock ledge; standard tablet stamped "695" (Reported not found, 1954)	694.589
Ballard, 2.1 mi N. of; at mouth of Salt Lick Creek; 0.2 mi E. of rd. forks; S. side of rd.; at NE. corner of Church and Odd Fellows Hall; in square stone foundation; E. face; standard tablet stamped "690" (Reported not found, 1954)	690.006

Book B 554

S. R. Archer

ISOLATED BENCH MARKS (Cont'd.)Feet

Hippo, 550 ft NE. of post office; W. side of Salt Lick Creek; opposite residence of John Sutton; 800 ft SW. of mouth of Lick Fork Branch; in top of projecting rock of rock ledge; standard tablet stamped "733" (Tied by NGS, 1953)	732.823
Handshoe; opposite post office; on hillside on N. bank of Salt Lick Creek; 20 ft above bed of creek; 60 ft N. of mouth of Bark Camp Branch; in face of rock outcrop; standard tablet stamped "885" (Tied by NGS, 1953)	885.189
Handshoe, 2.4 mi SW. of; at mouth of Lick Fork on Laurel Fork; W. bank of Lick Fork at its mouth; 230 ft S. of rd. forks; opposite and 20 ft N. of log barn; in top of rock ledge; standard tablet stamped "1146" (Reported not found, 1954)	1146.021
Vest, 3.1 mi E. of, along Balls Ford; at rd. forks; 16 ft above water level, E. side and 310 ft N. of mouth of Mill Branch; in face of rock ledge; standard tablet stamped "1091" (Tied by NGS, 1952)	1090.785
Vest, 550 ft N. of rd. forks at ford in front of store; 700 ft N. of mouth of Trace Fork; on E. bank of Balls Fork; W. side of rd.; in top of large rock; standard tablet stamped "1044"	1044.286
Dema, 3.7 mi SE. of; W. side of Beaver Creek; 700 ft N. of mouth of Sly Branch; 45 ft S. of 2½-foot sycamore tree; in E. face of large rock; standard tablet stamped "758" (Reported not found, 1954)	757.553
Republican, 0.6 mi NE. of; 75 ft NW. of mouth of Dry Creek, W. side of Beaver Creek; in top of rock cliff; standard tablet stamped "799" (Reported not found, 1954)	799.127
Kite, on W. bank of Beaver Creek; 450 ft N. of mouth of Bates Branch; in top of projection of rock cliff; standard tablet stamped "879" (Tied by NGS, 1952)	879.283
Kite, 3.1 mi SE. of; on W. bank of Beaver Creek; 140 ft NW. of junction of creeks; 650 ft NW. of schoolhouse; at rd. forks at mouth of Isaac Branch (rd. leading SE. to Mill Creek of Rockhouse Creek); in face of rock ledge; standard tablet stamped "999" (Reported not found, 1954)	999.189

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-082-34
HINDMAN QUADRANGLE
86 KENTUCKY
N3715-W8245/15
DIAGRAM NJ 17-7
JENKINS

Floyd, Knott, Letcher,
and Magoffin Counties

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

Edition of 10/22/76


PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

BLUE DIAMOND
(87)

PRESTONSBURG
(114)

PIKEVILLE
(85)

 Hindman

82°45'

37°15'

WHITESBURG
(57 KY.-91 W.VA.)

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

86 KENTUCKY
HINDMAN QUADRANGLE

37-082-34
N3715-W8245/15

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>
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TT 29 TWC 1951 684.027	3
TT 30 TWC 1951 690.760	3

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By D. W. Pinkston, 1949; Book AH 148

Pond Creek Pocahontas Coal Company Camp; 5.7 mi S. of; 1.6 mi S. of slope mine over hill along Road Branch; 5.0 mi N. of Quicksand fire tower along Middle Fork; 225 ft N. of junction of Middle Fork and Road Branch; 15 ft W. of centerline of rd.; 4 ft E. of 4-in. pine tree; in large sandstone boulder; standard tablet stamped "TT 51 DWP 1949" (Reported destroyed, 1950)

X = 2,800,458	Y = 434,950	37 29 45.14	82 59 25.89
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Pond Creek Pocahontas Coal Company Camp, 7.4 mi SE. of; 1.6 mi S. of slope mine over hill along Road Branch, thence 1.7 mi SE. along Middle Fork; 0.9 mi SE. of log residence; 3.3 mi NW. of Quicksand fire tower; 12 ft N. of, and 3 ft higher than centerline of rd.; in large protruding sandstone ledge; standard tablet stamped "TT 52 DWP 1949"

X = 2,806,720	Y = 431,969	37 29 13.87	82 58 09.30
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Pond Creek Pocahontas Coal Company Camp, 9.0 mi SE. of; 3.2 mi S. of slope mine over hill along Road Branch, thence 3.3 mi SE. along Middle Fork; 1.7 mi NW. of Quicksand fire tower; 60 ft E. of log house; 35 ft S. of centerline of rd.; 19 ft S. and 13 ft E. of NE. corner of picket fence; 6 ft higher than rd.; in boulder; standard tablet stamped "TT 53 DWP 1949"

X = 2,813,768	Y = 431,089	37 29 03.11	82 56 42.22
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By T. W. Cayce, 1951; Book AH 270

Drift; at N. edge of town; 31 ft N. and 10 ft E. of centerline of hwy. at entrance to ballpark; 4 ft NW. of NW. gate post; 1 ft SW. of steel fence; in concrete post; standard tablet stamped "TT 29 TWC 1951 684.027"

X = 2,868,488	Y = 432,800	37 29 03.42	82 45 22.99
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Minnie; 175 ft NE. of NE. corner of post office; 20 ft SE. of centerline of hwy.; 48 ft SE. of, and across hwy. from entrance to office of Ellis Martin, Justice of the Peace; 8 ft N. of 8-in. mulberry tree; in concrete post; standard tablet stamped "TT 30 TWC 1951 690.760"

X = 2,869,325	Y = 427,970	37 28 15.43	82 45 14.51
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